

Title (en)  
Storage system and storage control method

Title (de)  
Speichersystem und Verfahren zur Speichersteuerung

Title (fr)  
Système de stockage et procédé de contrôle de stockage

Publication  
**EP 1760578 A1 20070307 (EN)**

Application  
**EP 06250946 A 20060222**

Priority  
JP 2005247735 A 20050829

Abstract (en)  
A storage system comprises a router (7), which receives and transfers commands; a plurality of RAID modules (11); and a switch (9), which receives commands from the router and transmits the commands to any of the plurality of RAID modules. Each RAID module comprises a plurality of media drives (57), a RAID group is provided by the plurality of media drives. Each RAID module comprises an independent RAID group which does not extend into other RAID groups. In the storage system, the router performs transfer of commands without performing analysis of commands, and a processor (41) within the RAID module performs command analysis.

IPC 8 full level  
**G06F 3/06** (2006.01); **G06F 13/10** (2006.01)

CPC (source: EP US)  
**G06F 3/0617** (2013.01 - EP US); **G06F 3/0658** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US); **H04L 45/00** (2013.01 - EP US); **H04L 45/46** (2013.01 - EP US)

Citation (applicant)

- US 6826613 B1 20041130 - WANG PETER S S [US], et al
- JP H08328760 A 19961213 - HITACHI LTD

Citation (search report)

- [XY] US 6542961 B1 20030401 - MATSUNAMI NAOTO [JP], et al
- [Y] US 6826613 B1 20041130 - WANG PETER S S [US], et al
- [DA] JP H08328760 A 19961213 - HITACHI LTD
- [A] US 2003101273 A1 20030529 - HENSBERGEN ERIC VAN [US]

Designated contracting state (EPC)  
DE FR GB IE

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1760578 A1 20070307**; CN 100480979 C 20090422; CN 1924783 A 20070307; EP 2184674 A2 20100512; EP 2184674 A3 20100707; JP 2007065751 A 20070315; JP 4786255 B2 20111005; US 2007050546 A1 20070301; US 2008320221 A1 20081225; US 7430636 B2 20080930; US 7747819 B2 20100629

DOCDB simple family (application)  
**EP 06250946 A 20060222**; CN 200610058400 A 20060303; EP 10001636 A 20060222; JP 2005247735 A 20050829; US 22281808 A 20080818; US 25042005 A 20051017